INTERNATIONAL SEARCH REPORT

International Application No PCT/EP 03/50881

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04B7/26 H04Q7/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04B H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	EP 1 359 776 A (NORTEL NETWORKS LTD) 5 November 2003 (2003-11-05)	5,13
Υ	abstract column 1, line 3 - column 7, line 9 column 8, line 26 - column 12, line 19 column 13, line 4 - line 22	3,4, 6-12,14
Υ	figures 3-5 WO 99/50972 A (NOKIA TELECOMMUNICATIONS OY ; AHMAVAARA KALLE (FI); KEKKI SAMI (FI))	3,4,12
A	7 October 1999 (1999-10-07) page 2, line 38 - page 4, line 26 page 5, line 10 - page 7, line 26 page 8, line 19 - line 35 page 10, line 24 - line 28 figures 2,3	1,2
	-/	

Further documents are listed in the continuation of box C.	Y Patent family members are listed in annex.
Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
16 August 2004	30/08/2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Moreno-Solana, S-F

INTERNATIONALER RECHERCHENBERICHT

International Application No
PCT/EP 03/50881

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Helevani to claim No.
Y	EP 1 199 853 A (MATSUSHITA ELECTRIC IND COLTD) 24 April 2002 (2002-04-24) abstract column 1, line 47 - column 4, line 20 column 5, line 44 - column 6, line 23 column 8, line 6 - column 12, line 18 figures 1-6	4,6-11, 14
A	"Universal Mobile Telecommunications System (UMTS); Synchronisation in UTRAN; Stage 2 (3GPP TS 25.402 version 5.2.0 Release 5); ETSI TS 125 402" ETSI STANDARDS, EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE, SOPHIA-ANTIPO, FR, 'Online! vol. 3-R3, no. V520, June 2003 (2003-06), XP014008867 ISSN: 0000-0001 Retrieved from the Internet: URL:www.3gpp.org> cited in the application paragraphs 4.3, 4.4, 5, 6.1, 6.1.1, 6.1.2, 6.1.2.2, 6.1.2.3, 6.1.2.3.3.2, 7.1 and 7.2	1-14
A	WO 01/78441 A (NOKIA NETWORKS OY; KEKKI SAMI (FI)) 18 October 2001 (2001-10-18) abstract page 3, line 7 - page 4, line 32 page 5, line 6 - page 8, line 4 page 11, line 19 - page 15, line 8 page 15, line 24 - page 18, line 2 page 19, line 16 - page 20, line 14 figures 2,4	1,2
Α	EP 0 896 442 A (NIPPON TELEGRAPH & TELEPHONE) 10 February 1999 (1999-02-10) abstract column 1, line 5 - line 9 column 2, line 15 column 3, line 13 - line 15 column 8, line 31 - line 42 column 9, line 25 - column 10, line 43 column 14, line 36 - line 45 column 15, line 45 - column 16, line 10 column 17, line 9 - column 19, line 36 figures 1-3,5,26-30,32-37	1,2

INTERNATIONALER RECHERCHENBERICHT

Information on patent family members

International Application No PCT/EP 03/50881

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1359776	Α	05-11-2003	FR EP	2839234 A1 1359776 A1	31-10-2003 05-11-2003
			ÜS 	2003219005 A1	27-11-2003
WO 9950972	Α	07-10-1999	FI AU	980735 A 3149799 A	01-10-1999 18-10-1999
			CA	2325446 A1	07-10-1999
			CN	1117436 B	06-08-2003
			EP	1070395 A2	24-01-2001
			MO	9950972 A2	07-10-1999
			JP	3325019 B2	17-09-2002 09-04-2002
			JP 	2002510895 T 	
EP 1199853	Α	24-04-2002	JP	3308966 B2	29-07-2002
			JP AU	2001358793 A 6272701 A	26-12-2001 24-12-2001
			EP	1199853 A1	24-04-2002
			CN	1381121 T	20-11-2002
			WO	0197467 A1	20-12-2001
		0	US	2002105933 A1	08-08-2002
WO 0178441	Α	18-10-2001	AU	5225801 A	23-10-2001
			CN	1429466 T	09-07-2003
			MO	0178441 A1	18-10-2001
			EP JP	1273202 A1 2003530797 T	08-01-2003 14-10-2003
			US	2003161325 A1	28-08-2003
EP 0896442	Α	10-02-1999	EP	0896442 A1 3496721 B2	10-02-1999 16-02-2004
			JP CA	2247313 A1	09-07-1998
			CA	2247313 A1 2247357 A1	09-07-1998
			CN	1216664 A ,B	12-05-1999
			CN	1216648 A	12-05-1999
			ΕP	0902594 A1	17-03-1999
			WO	9829970 A1	09-07-1998
			ΜO	9830052 A1	09-07-1998
			JP	3393141 B2 2002252586 A	07-04-2003 06-09-2002
			JP JP	2002252586 A 2003102047 A	04-04-2003
			KR	276519 B1	15-12-2000
		•	ÜS	6470188 B1	22-10-2002
			US	2002151306 A1	17-10-2002